
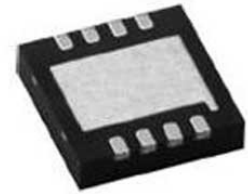


## Rectifier Diode Schottky 40V 0.2A 5ns 2-Pin X1-DFN T/R

<b>Manufacturer:</b>	<a href="#">Diodes Inc</a>
<b>Package/Case:</b>	DFN1006-2
<b>Product Type:</b>	Thyristors
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

Various configurations of Schottky barriers diodes in SOT-23 packages are provided for general-purpose use in high-speed switching, mixers and detector applications. They may also be used for signal terminations at the board level. This helps maintain signal integrity and counteract the transmission-line effects with (PC) board traces by clamping over/and undershoot from signal reflections with the schottky-low-threshold voltages. This type of termination also does not depend on matching the transmission line characteristic impedance, making it particularly useful where line impedance is unknown or a variable. This method of termination can control distortions of clock, data, address, and control lines as well as provides a stabilizing effect on signal jitter. It can also significantly reduce power consumption compared to standard resistor- based termination methods.

### Recommended For You

#### BAS16LP-7

Diodes Inc  
DFN1006

#### BAS16HLP-7

Diodes Inc  
DFN

#### S2BA-13-F

Diodes Inc  
SMA

#### B230-13-F

Diodes Inc  
SMB

#### HD06-T

Diodes Inc  
SOP4

#### BZT52C36-7-F

Diodes Inc  
SOD123

#### KBP06G

Diodes Inc  
KBP

#### SIG-13-F

Diodes Inc  
SMA

#### BZT52C3V9-7-F

Diodes Inc  
SOD-123

**RS1MB-13-F**

Diodes Inc

SMB

**KBP206G**

Diodes Inc

KBP

**S1J-13-F**

Diodes Inc

SMA

**BZ152C18LP-7**

Diodes Inc

DFN

**GBJ1502-F**

Diodes Inc

GBJ

**SD107WS-7-F**

Diodes Inc

SOD323